

David J Winkel

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

515
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning for vessel-specific coronary artery calcium scoring: validation on a multi-centre dataset. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 846-854.	1.2	19
2	From cold-blooded reptiles to embryological remnants: Persistent myocardial sinusoids. <i>Radiology Case Reports</i> , 2022, 17, 521-524.	0.6	0
3	Rapid and sustained control of itch and reduction in Th2 bias by dupilumab in a patient with SÅ©zary syndrome. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2021, 35, 1331-1337.	2.4	26
4	Building Large-Scale Quantitative Imaging Databases with Multi-Scale Deep Reinforcement Learning: Initial Experience with Whole-Body Organ Volumetric Analyses. <i>Journal of Digital Imaging</i> , 2021, 34, 124-133.	2.9	5
5	Prediction of Patient Management in COVID-19 Using Deep Learning-Based Fully Automated Extraction of Cardiothoracic CT Metrics and Laboratory Findings. <i>Korean Journal of Radiology</i> , 2021, 22, 994.	3.4	14
6	Revisiting DCE-MRI. <i>Investigative Radiology</i> , 2021, 56, 553-562.	6.2	7
7	A Novel Deep Learning Based Computer-Aided Diagnosis System Improves the Accuracy and Efficiency of Radiologists in Reading Biparametric Magnetic Resonance Images of the Prostate. <i>Investigative Radiology</i> , 2021, 56, 605-613.	6.2	49
8	Evaluation of liver fibrosis and cirrhosis on the basis of quantitative T1 mapping: Are acute inflammation, age and liver volume confounding factors?. <i>European Journal of Radiology</i> , 2021, 141, 109789.	2.6	9
9	Detection and PI-RADS classification of focal lesions in prostate MRI: Performance comparison between a deep learning-based algorithm (DLA) and radiologists with various levels of experience. <i>European Journal of Radiology</i> , 2021, 142, 109894.	2.6	20
10	Diagnostic accuracy and clinical implications of robotic assisted MRI-US fusion guided target saturation biopsy of the prostate. <i>Scientific Reports</i> , 2021, 11, 20250.	3.3	7
11	Novices in MRI-targeted prostate biopsy benefit from structured reporting of MRI findings. <i>World Journal of Urology</i> , 2020, 38, 1729-1734.	2.2	5
12	Autonomous Detection and Classification of PI-RADS Lesions in an MRI Screening Population Incorporating Multicenter-Labeled Deep Learning and Biparametric Imaging: Proof of Concept. <i>Diagnostics</i> , 2020, 10, 951.	2.6	33
13	False Positive Reduction Using Multiscale Contextual Features for Prostate Cancer Detection in Multi-Parametric MRI Scans. , 2020, , .		19
14	Validation of a fully automated liver segmentation algorithm using multi-scale deep reinforcement learning and comparison versus manual segmentation. <i>European Journal of Radiology</i> , 2020, 126, 108918.	2.6	31
15	Automated detection of pulmonary embolism in CT pulmonary angiograms using an AI-powered algorithm. <i>European Radiology</i> , 2020, 30, 6545-6553.	4.5	70
16	High spatiotemporal resolution dynamic contrast-enhanced MRI improves the image-based discrimination of histopathology risk groups of peripheral zone prostate cancer: a supervised machine learning approach. <i>European Radiology</i> , 2020, 30, 4828-4837.	4.5	4
17	Predicting clinically significant prostate cancer from quantitative image features including compressed sensing radial MRI of prostate perfusion using machine learning: comparison with PI-RADS v2 assessment scores. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 808-823.	2.0	16
18	Gamification of Electronic Learning in Radiology Education to Improve Diagnostic Confidence and Reduce Error Rates. <i>American Journal of Roentgenology</i> , 2020, 214, 618-623.	2.2	21

#	ARTICLE	IF	CITATIONS
19	Gadoxetate Disodium versus Gadoterate Meglumine: Quantitative Respiratory and Hemodynamic Metrics by Using Compressed-Sensing MRI. <i>Radiology</i> , 2019, 293, 317-326.	7.3	4
20	Structured reporting of prostate magnetic resonance imaging has the potential to improve interdisciplinary communication. <i>PLoS ONE</i> , 2019, 14, e0212444.	2.5	26
21	Evaluation of an AI-Based Detection Software for Acute Findings in Abdominal Computed Tomography Scans. <i>Investigative Radiology</i> , 2019, 54, 55-59.	6.2	56
22	Compressed Sensing Radial Sampling MRI of Prostate Perfusion: Utility for Detection of Prostate Cancer. <i>Radiology</i> , 2019, 290, 702-708.	7.3	27
23	Comparison of image quality and radiation dose between split-filter dual-energy images and single-energy images in single-source abdominal CT. <i>European Radiology</i> , 2018, 28, 3405-3412.	4.5	43
24	Acceleration techniques and their impact on arterial input function sampling: Non-accelerated versus view-sharing and compressed sensing sequences. <i>European Journal of Radiology</i> , 2018, 104, 8-13.	2.6	3